

REMARKS

The Office Action mailed August 24, 2005 has been received and reviewed. Claims 1-4, 7, 9-11, 13-16, 18, 19, 21, 23-46 and 49-51 were rejected under 35 U.S.C. §103(a) as being unpatentable over Nakajima. Claims 5, 6, 8, 12, 17, 20, 22, 47 and 48 were rejected under 35 U.S.C. §103(a) as being unpatentable over Nakajima in view of Meyer. The Examiner also cited Cox and Martin as additional art disclosing wire feed speed control for welding systems. Applicants have canceled claims 1-51 and added new claims 52-109, thereby making the rejections moot.

New independent claims 52 and 64 require the output of the welding power source or supply be dependent solely on the control signal generated by the manual wire speed selector. New independent claims 74 and 92 require a) a manual wire speed selector to generate a first control signal, a) secondary manual selector to generate a second control signal that is based on shielding gas type, consumable electrode type and/or consumable electrode size, and 3) power control signal that at least partially controls a welding parameter of said welding power source, wherein the power control signal is a linear or non-linear function of the first and second control signals.

None of the references of record disclose, teach or suggest a welder or method of welding that includes these limitations. As such, the new claims pending in the application are allowable for at least these reasons.

Applicants submit that the claims presently pending in the above-identified patent application are in condition for allowance and a notice to that effect is earnestly solicited.

Respectfully submitted,

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